BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF THE PROJECT: CONSTRUCTION OF CLASSROOMS AND PROVIDING BASIC AMENITIES TO YELAHANKA GOVT FIRST GRADE COLLEGE IN YELAHANKA DIVISION

ABSTRACT

Sl No	DESCRIPTION OF WORK	AMOUNT
1	Building	41288868
2	Plumbing Works	442471
3	Sump 2 Nos	465373
4	Rainwater harvesting	46455
5	Drain	2925509
6	Electrical work	1331188
7	Preparation of DPR and Architectural ,Structural Consultation fee(1% of estimated cost)	500000.00
8	Project management Consultancy Charges(1% of estimated cost)	500000.00
9	Tender premium 5% of Estimated cost	2500000.00
10	Miscellaneous and rounding off	136
	Total	**50000000**

RUPEES FIVE CRORE ONLY

CERRIFICATE:

1) The work spot has been inspected and found to be necessary
2) The work spot comes under B.B.M.P
3) The provisions made in the estimate are necessary and minimum
4) The estimate is based on C.S.R of 2018-2019, PWD Electrical 2019-20.PRED 2012-13. SE-RDED approved Rate and Issused Rates.

Assistant Engineer
BBMP

Assistant Executive Engineer
BBMP

Asst. Executive Engineer
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Executive Engineer.

Executive Engineer
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6/12/19

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NAME OF THE PROJECT: CONSTRUCTION OF CLASSROOMS AND PROVIDING BASIC AMENITIES TO YELAHANKA GOVT FIRST GRADE COLLEGE IN YELAHANKA DIVISION

1. BUILDING

								Est.Cost.Rs.	41288868
Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the exavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. Specification No. KBS 2.1(b) / 2.3.5 Pg No 6,Item No 2.4								
	Footings								
	CF 1 Footing	Cum	10	5.3	3.2	1.5	254.4		
	C2 Footing	Cum	6	3.1	3.1	1.5	86.49		
	C3 Footing	Cum	4	2.75	2.75	1.5	45.375		
	SSM Excavation								
	Front Side	Cum	2	7.4	0.75	0.90	9.99		
	Back side	Cum	1	9.35	0.75	0.90	6.31125		
	Sides	Cum	6	5.185	0.75	0.90	20.99925		
		Cum	4	5.01	0.75	0.90	13.527		
	Basic rate							449.00	
	Area weightage 8%							35.92	
	Total						**437.09**	**484.92**	**211954.90**
2	KSRB 2.8 : Providing and Filling in foundation with granite / trap broken metal 100mm. and down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift, complete as per specifications. Specification No. KBS Pg No 7, Item No 2.15								
	Footings								
	CF 1 Footing	Cum	10	5.3	3.2	0.1	16.96		
	C2 Footing	Cum	6	3.1	3.1	0.1	5.766		
	C3 Footing	Cum	4	2.75	2.75	0.1	3.025		
	Basic rate							2429.00	
	Area weightage 8%							194.32	
	Total						**25.75**	**2623.32**	**67553.11**
3	KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8(M7.5)with OPC cement @ 180kgs. with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation including cost of all materials, labour, HOM of machinery, curing complete as per specifications.Specification No. KBS 4.1, 4.2 Pg No.13 Item No 4.3								
	Footings								
	CF 1 Footing	Cum	10	5.3	3.2	0.15	25.44		
	C2 Footing	Cum	6	3.1	3.1	0.15	8.64		
	C3 Footing	Cum	4	2.75	2.75	0.15	4.53		
	SSM Below								
	Front Side	Cum	2	7.4	0.75	0.15	1.66		
	Back side	Cum	1	9.35	0.75	0.15	1.05		
	Sides	Cum	6	5.185	0.75	0.15	3.49		
		Cum	4	5.01	0.75	0.15	2.25		
	Basic rate							5102.00	
	Area weightage 8%							408.16	
	Total						**47.06**	**5510.16**	**259308.13**

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix M15 with cement @ 240kgs. with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregtes @ 0.53cum. machine mixed. concrete laid in layers not exceeding 15 cms. thick. well compacted. in foundation,plinth and cills. including cost of all materials. labour. HOM of machinery. curing complete as per specifications. Specification No. KBS 4.1, 4.2. Pg No. 13 Item No. 4.6								
	Above SSM								
	Along Longer Direction	Cum	2	30.49	0.6	0.15	5.4882		
		Cum	1	31.49	0.6	0.15	2.8341		
	Along Shorter Direction	Cum	10	6.61	0.6	0.15	5.949		
	plinth area concrete		1	36.2	9.2	0.15	49.956		
	Basic Rate							5422.00	
	Area weightage 8%							433.76	
	Total						**64.23**	**5855.76**	**376099.65**
5	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6. stone hammerddressed in courses not less than 20 cms high. bond stones at 2m apart in each course including cost of materials. labour. curing completeas per specifications.KBS 5.1.13 Pg No 25 item No 5.6								
	SSM Footing								
	Along Longer Direction	Cum	2	30.49	0.6	0.6	21.9528		
		Cum	1	31.49	0.6	0.6	11.3364		
	Along Shorter Direction	Cum	10	6.61	0.6	0.6	23.796		
	Steps in Front of Corridor								
		Cum	1	1.8	0.3	0.6	0.324		
		Cum	1	1.8	0.3	0.45	0.243		
		Cum	1	1.8	0.3	0.3	0.162		
		Cum	1	1.8	0.3	0.15	0.081		
	Basic rate							4596.00	
	Area weightage 8%							367.68	
	Total						**57.90**	**4963.68**	**287373.25**
6	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth. compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. Specification. No. KBS 2.9. Pg No.7. Item No.2.10								
	Filling Available of Excavated Earth								
	Earth Work Excavation	Cum					437.09		
	PCC for Footing	Cum					-47.06		
	Filling in foundation with granite / trap broken metal	Cum					-25.75		
	SSM Footing	Cum					-57.09		
	Footing Concrete Quantity	Cum					-140.32		
	Basic rate							201.00	
	Area weightage 8%							16.08	
	Total						**166.88**	**217.08**	**36226.38**
7	Conveying the excavated earth, debries etc., with all lead and lifts including loading and unloading charges etc., complete as per the direction of the Engineer-in-charge. Pg No 136.Item No17.4								
	Excavated Earth	Cum					437.09		
	Filling Available of Excavated Earth						-166.88		
	Loading and unloading item no.17.1 KSRRB M 100-1	Cum						57.00	
	Basic rate for haulage of materials as per item No. 17.4 KSRRB : M 100 - 4.1	t.km	For surface roads exluding Basic rate loading & unloading					2.00	
	Average Weight of earth	For2Kms =2x1.28x2						5.12	
	Basic rate							62.12	
	Area weightage 8%							4.97	

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Sl No	Description of Item	Unit	No	L	B	H	Qty	Rate	Amount
	Total						370.31	87.09	18138.11
8	KNKH 4.6.1 : Providing and removing centering, shuttering, straining, propping etc., and removal of form work for foundations, footings, bases of columns for mass concrete including cost of all materials, labour complete as per specifications Specification No. KHS 4.6.3, Pg No 16, Item No 4.38								
	Footings								
	C1 Footing	Sqm	10	12		0.45	76.5		
	Beam	Sqm	10	11.5		0.45	51.75		
	C3 Footing	Sqm	8	13.4		0.6	11.01		
	C3 Footing	Sqm	4	11		0.55	24.2		
	Column Up to Plinth Beam								
	Back side					0.7	3.01		
	C3 Footing	Cum	4	1.8		0.7	7.56		
	C2 Footing	Cum	8	1.8		0.35	6.3		
	Front Side	Cum	10	1.8		0.35	3.8		
	Corner Columns	Cum	10	0.8					
								358.00	
	Basic rate							30.64	
	Area weightage 8%						318.79	378.64	60963.68
	Total								
9	KNKH 4.6.4 : Providing and removing centering, shuttering, straining, propping etc., and removal of form work for vertical surface such as walls at any thickness , including attached pilasters, buttresses, plinth and string courses cost of all materials, labour complete as per specifications. Specification No. KHS 4.6.3, Pg No 16, Item No 4.31								
	Plinth Beam								
	Along Longer Direction	Sqm	4	33.19		0.6	79.66		
		Sqm	2	34.19		0.6	41.03		
	Along Shorter Direction	Sqm	30	3.81		0.6	93.73		
								358.00	
	Basic rate							38.64	
	Area weightage 8%						314.40	386.64	83897.16
	Total								
10	KNKH 4.6.8 : Providing and removing centering, shuttering, straining, propping etc. and Removal of form Work for columns, pillars, pipes, post and struts, square / rectangular / polygon in plan including cost of all materials, labour complete as per specification. Specification No. KHS 4.6.3, Pg No 16, Item No 4.33								
	Ground Floor								
	Back side C2,C3	Sqm	10	1.8		3.7	48.60		
	Front Side C1	Sqm	10	1.8		3.7	48.60		
	C4	Sqm	10	0.8		3.85	32.80		
	First Floor								
	Back side C2,C3	Sqm	10	1.8		3.7	48.60		
	Front Side C1	Sqm	10	1.8		3.7	48.60		
	C4	Sqm	10	0.8		3.85	32.80		
	Second Floor								
	Back side C2,C3	Sqm	10	1.8		3.7	48.60		
	Front Side C1	Cum	10	1.8		3.7	48.60		
	C4	Cum	10	0.8		3.85	32.80		
	Third Floor								
	Back side C2,C3	Sqm	10	1.8		3.7	48.60		
	Front Side C1	Cum	10	1.8		3.7	48.60		
	C4	Cum	10	0.8		3.85	32.80		
	Degree College								
	C1 Front Side	Sqm	17	1.8		3.3	84.15		
	C1 Back side	Sqm	17	1.8		4	103		
	C1 @ Stairs	Sqm	2	1.8		3.3	9.9		
		Sqm	2	1.8		4	13		
	Head room								
	Colums	Sqm	4	1.8		3.7	19.44		
								456	
	Basic rate							36.48	
	Area weightage 8%						707.49	492.48	348424.68
	Total								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
11	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for suspended floors, landings, balconies and likes, thickness upto 200 mm including cost of all materials, labour complete as per specificaitons for heights more than 3.50m from ground level. - 0 to 5 mtrs.Specification No. KBS 4.6.2 page no.16 item no 4.29.2								
	Ground Floor								
	Centring								
	Slab	Sqm	1	36.2	9.21		333.40		
	Deduction @ Stairs	Sqm	-1	4.7	3		-14.10		
	First floor								
	Centring								
	Slab	Sqm	1	36.2	9.21		333.40		
	Deduction @ Stairs	Sqm	-1	4.7	3		-14.10		
	Second Floor								
	Centring								
	Slab	Sqm	1	36.2	9.21		333.40		
	Deduction @ Stairs	Sqm	-1	4.7	3		-14.10		
	Third Floor								
	Centring								
	Slab	Sqm	1	36.2	9.21		333.40		
	Deduction @ Stairs	Sqm	-1	4.7	3		-14.10		
	Head room								
	Centring	Sqm	1	6.7	3		20.10		
	Basic rate							**400**	
	Area weightage 8%							32.00	
	Total						**1297.31**	**432.00**	**560437.056**
12	KSRB 4-6.9 : Providing and removing centering, shuttering, strutting, propping etc., for edges of slabs and breaks in floors including cost of all materials,labour complete as per specifications. Specifications No. KBS 4.6.2, Pg No 17,Item No 4.36								
	Ground Floor								
	Slab	Sqm	2	36.2		0.15	10.86		
		Sqm	2	9.21		0.15	2.76		
	Stairs Opening	Sqm	2	4.8		0.15	1.44		
	First Floor								
	Slab	Sqm	2	36.2		0.15	10.86		
		Sqm	2	9.21		0.15	2.763		
	Stairs Opening	Sqm	2	4.8		0.15	1.44		
	Second Floor								
	Slab	Sqm	2	36.2		0.15	10.86		
		Sqm	2	9.21		0.15	2.76		
	Stairs Opening	Sqm	2	4.8		0.15	1.44		
	Third Floor								
	Slab	Sqm	2	36.2		0.15	10.86		
		Sqm	2	9.21		0.15	2.76		
	Stairs Opening	Sqm	2	4.8		0.15	1.44		
	Head Room								
	Slab	Sqm	2	7.1		0.15	2.13		
		Sqm	2	3.4		0.15	1.02		
	Basic rate							755	
	Area weightage 8%							60.40	
	Total						**63.40**	**815.40**	**51697.9908**
13	KSRB 4-6.7 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1m in depth including cost of all materials, labour complete as per specificaitons.Specification No. KBS 4.6.2, Pg No 17, Item No 4.34								
	Ground Floor								
	Beams Sides								
	B1(300X600)								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Shorter Direction	Sqm	20	8.61		0.45	77.49		
	B2(200X450)	Sqm							
	Longer Direction	Sqm	4	36.2		0.3	43.44		
	@ Stairs	Cum	2	3		0.3	1.80		
	B3(200X300)	Sqm							
	Longer Direction	Sqm	2	36.2		0.15	10.86		
	Lintels								
	Through Lintel	Sqm	4	36.19		0.2	28.95		
	Deduction @ Stairs	Sqm	-2	3		0.2	-1.20		
	At bottom of Windows	Sqm	18	1.8	0.2		6.48		
	At bottom of doors	Sqm	5	1.2	0.2		1.20		
	First floor								
	Beams Sides								
	B1(300X600)								
	Shorter Direction	Sqm	20	8.61		0.45	77.49		
	B2(200X450)								
	Longer Direction	Sqm	4	36.2		0.3	43.44		
	@ Stairs	Sqm	2	3		0.3	1.80		
	B3(200X300)								
	Longer Direction	Sqm	2	36.2		0.15	10.86		
	Lintels								
	Through Lintel	Sqm	4	36.19		0.2	28.95		
	Deduction @ Stairs	Sqm	-2	3		0.2	-1.20		
	At bottom of Window	Sqm	18	1.8	0.2		6.48		
	At bottom of doors	Sqm	5	1.2	0.2		1.20		
	Second Floor								
	Beams Sides								
	B1(300X600)								
	Shorter Direction	Sqm	20	8.61		0.45	77.49		
	B2(200X450)								
	Longer Direction	Sqm	4	36.2		0.3	43.44		
	@ Stairs	Sqm	2	3		0.3	1.80		
	B3(200X300)								
	Longer Direction	Sqm	2	36.2		0.15	10.86		
	Lintels								
	Through Lintel	Sqm	4	36.19		0.2	28.95		
	Deduction @ Stairs	Sqm	-2	3		0.2	-1.20		
	At bottom of Window	Sqm	18	1.8	0.2		6.48		
	At bottom of doors	Sqm	5	1.2	0.2		1.20		
	Third Floor								
	Beams Sides								
	B1(300X600)								
	Shorter Direction	Sqm	20	8.61		0.45	77.49		
	B2(200X450)								
	Longer Direction	Sqm	4	36.2		0.3	43.44		
	@ Stairs	Sqm	2	3		0.3	1.80		
	B3(200X300)								
	Longer Direction	Sqm	2	36.2		0.15	10.86		
	Lintels								
	Through Lintel	Sqm	4	36.19		0.2	28.95		
	Deduction @ Stairs	Sqm	-2	3		0.2	-1.20		
	At bottom of Window	Sqm	18	1.8	0.2		6.48		
	At bottom of doors	Sqm	5	1.2	0.2		1.20		
	Degree College								
	LINTELS								
	Through Lintel								
	Back Side of building								
	sides	Sqm	2	64.65		0.2	25.86		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	bottom	Sqm	16	1.8	0.2		5.76		
	Front side of building								
	sides	Sqm	2	61.65		0.2	24.66		
	bottom W1	Sqm	15	1.8	0.2		5.4		
	Bottom D1	Sqm	8	1.2	0.2		1.92		
	Head Room								
	Beams Sides								
	Longer Direction	Sqm	4	7.1		0.3	8.52		
	Shorter Direction	Sqm	4	3		0.3	3.60		
	Basic rate							292	
	Area weightage 8%							23.36	
	Total						751.81	315.36	237090.17
14	KSRB 4-6.11 :Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for Stairs (excluding landing) except spiral staircase including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2, Pg No 17, Item No 4.38								
	Ground Floor								
	Waist slab	Sqm	2	3.35	1.4		9.38		
	waist slab side	Sqm	4	3.35		0.1725	2.31		
	First flite landing	Sqm	1	3	1.7		5.10		
	Landing side	Sqm	1	6.4		0.15	0.96		
	Riser	Sqm	21	1.4		0.025	0.74		
	Stairs Beam	Sqm	1	3		1.1	3.30		
	First Floor								
	Waist slab	Sqm	2	3.35	1.4		9.38		
	waist slab side	Sqm	4	3.35		0.1725	2.31		
	First flite landing	Sqm	1	3	1.7		5.10		
	Landing side	Sqm	1	6.4		0.15	0.96		
	Riser	Sqm	21	1.4		0.025	0.74		
	Stairs Beam	Sqm	1	3		1.1	3.30		
	Second Floor								
	Waist slab	Sqm	2	3.35	1.4		9.38		
	waist slab side	Sqm	4	3.35		0.1725	2.31		
	First flite landing	Sqm	1	3	1.7		5.10		
	Landing side	Sqm	1	6.4		0.15	0.96		
	Riser	Sqm	21	1.4		0.025	0.74		
	Stairs Beam	Sqm	1	3		1.1	3.30		
	Third floor								
	Waist slab	Sqm	2	3.35	1.4		9.38		
	waist slab side	Sqm	4	3.35		0.1725	2.31		
	First flite landing	Sqm	1	3	1.7		5.10		
	Landing side	Sqm	1	6.4		0.15	0.96		
	Riser	Sqm	21	1.4		0.025	0.74		
	Stairs Beam	Sqm	1	3		1.1	3.30		
	Basic rate							520.00	
	Area weightage 8%							41.60	
	Total						87.15	561.60	48941.19
15	KSRB 4-6.10 :Providing and removing centering, shuttering, strutting, propping etc., for chajjas, corbels etc., including edges including cost of all materials, labour complete as per specificaiton. Specification No. KBS 4.6.2 Pg No 17,Item No 4.37								
	Ground Floor								
	W1	Sqm	8	2.1	0.6		10.08		
	Front	Sqm	8	2.10		0.10	1.68		
	Sides	Sqm	16	0.60		0.10	0.96		
	First Floor								
	W1	Sqm	8	2.1	0.6		10.08		
	Front	Sqm	8	2.1		0.1	1.68		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Sides	Sqm	16	0.6		0.1	0.96		
	Second Floor								
	W1	Sqm	8	2.1	0.6		10.08		
	Front	Sqm	8	2.1		0.1	1.68		
	Sides	Sqm	16	0.6		0.1	0.96		
	Third floor								
	W1	Sqm	8	2.1	0.6		10.08		
	Front	Sqm	8	2.1		0.1	1.68		
	Sides	Sqm	16	0.6		0.1	0.96		
	Degree College								
	W1	Sqm	16	2.1	0.6		20.16		
		Sqm	16	3.3		0.1	5.28		
	Head Room								
	W1	Sqm	1	2.1	0.6		1.26		
	Front	Sqm	1	2.1		0.1	0.21		
	Sides	Sqm	2	0.6		0.1	0.12		
								323.00	
	Basic rate							25.84	
	Area weightage 8%						77.91	348.84	27178.12
	Total								
16	KSRB 4.2.1 : Providing and laying in position reinforced cement concrete of Design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70 cum and fine aggregtes @ 0.47cum, with super plasticisers @ 3 liters confirming to is 9103-1999 reafirmed-2008 at machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundation for footings, pedastals, retaining walls, return walls, walls (any thickness) including attached pilasters, columnspillars, posts, struts, buttresses, bed blocks, anchor blocks & plinths etc., including cost of all materials, labour, HOM of machinery, curing, complete but excluding cost of reinforcement as per specifications. Specification No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.10								
	Footings								
	CF 1 Footing	Cum	10	5.3	3.2	0.45	76.32		
	Beam	Cum	10	5.3	0.45	0.45	10.7325		
	C2 Footing	Cum	6	3.1	3.1	0.6	34.596		
	C3 Footing	Cum	4	2.75	2.75	0.55	16.6375		
	Plinth Beam								
	Along Longer Direction	Cum	2	33.19	0.2	0.6	7.9656		
		Cum	1	34.19	0.2	0.6	4.1028		
	Along Shorter Direction	Cum	10	7.81	0.2	0.6	9.372		
	Plinth area concrete	Cum	1	36.2	9.2	0.15	49.956		
	Coloum Up to Plinth Beam								
	Back side	Cum	4	0.6	0.3	0.7	0.504		
	C3 Footing	Cum	6	0.6	0.3	0.7	0.756		
	C2 Footing	Cum	10	0.6	0.3	0.35	0.63		
	Front Side	Cum	10	0.2	0.2	0.35	0.14		
	Corridor Coloums							5812.00	
	Basic rate							464.96	
	Area weightage 8%						211.71	6276.96	1328910.27
	Total								
17	KSRB 4.2.8 : Providing and laying in position reinforced cementconcrete of design mix M25 with OPC cement @ 340kgs, with 20mm and down size graded granite metal coarse aggregates @0.70cum andfine aggregtes @ 0.47cum,with superplastisiser @3lts confirming to IS 9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick,vibrated fo all works in ground Floor level for roof slabs ,staircase, lintels , beams, retaining walls ,return wall, walls (an thivck ness) including attached plasters ,columns, pillars,posts,struts,butters,string or lacing courses ,parapets,coping,bed blocks,anchor blocks ,plain window cills,fillets including cost of all materials, labour,HOM of machinery, curing, complete as per specifications. No. KBS 4.1, 4.6, Pg No. 14, Item No. 4.12								
	Ground Floor								
	Columns								
	Back side C2,C3	Cum	10	0.6	0.3	2.7	4.86		
	Front Side C1	Cum	10	0.6	0.3	2.7	4.86		
	C4	Cum	10	0.2	0.2	2.85	1.14		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Through Lintel	Cum	2	36.19	0.2	0.3	3.8953		
	Deduction @ Stairs	Cum	-1	3	0.2	0.3	-0.13		
	Staircase								
	Waist slab	Cum	2	3.35	1.4	0.15	1.407		
	First flite landing	Cum	1	3.00	1.70	0.18	0.765		
	Steps	Cum	21	1.40		0.035	0.74		
			Triangular area 0.5*.15*.3=0.033						
		Cum	1	3	0.2	0.45	0.27		
	Stairs Beam							6045.00	
	Basic rate							183.60	
	Area weightage 8%						16.81	6528.60	109760.13
	Total						4.86		
	First Floor								
	Back side C2,C3	Cum	10	0.6	0.3	2.7	4.86		
	Front Side C1	Cum	10	0.6	0.3	2.85	1.14		
	C4	Cum	10	0.2	0.2	0.3	3.8953		
	Through Lintel	Cum	2	36.19	0.2	0.3	-0.13		
	Deduction @ Stairs	Cum	-1	3	0.2	0.3			
	Staircase								
	Waist slab	Cum	2	3.35	1.4	0.15	1.407		
	First flite landing	Cum	1	3	1.7	0.15	0.765		
	Steps	Cum	21	1.4		0.035	0.735		
			Triangular area 0.5*.15*.3=0.033						
		Cum	1	3	0.2	0.45	0.27		
	Stairs Beam							6045.00	
	Basic rate							60.00	
	Add lift charges for First Floor							6105.00	
	sub total							488.40	
	Area weightage 8%						16.81	6893.40	110849.56
	Total								
	Second Floor						4.86		
	Back side C2,C3	Cum	10	0.6	0.3	2.7	4.86		
	Front Side C1	Cum	10	0.6	0.3	2.7	1.14		
	C4	Cum	10	0.2	0.2	2.85	3.8953		
	Through Lintel	Cum	2	36.19	0.2	0.3	-0.13		
	Deduction @ Stairs	Cum	-1	3	0.2	0.3			
	Staircase								
	Waist slab	Cum	2	3.35	1.4	0.15	1.407		
	First flite landing	Cum	1	3	1.7	0.15	0.765		
	Steps	Cum	21	1.4		0.035	0.735		
			Triangular area 0.5*.15*.3=0.033						
		Cum	1	3	0.2	0.45	0.27		
	Stairs Beam							6045.00	
	Basic rate							130.00	
	Add lift charges for Second Floor							6165.00	
	sub total							493.20	
	Area weightage 8%						16.81	6658.20	111938.99
	Total								
	Third Floor						4.86		
	Back side C2,C3	Cum	10	0.6	0.3	2.7	4.86		
	Front Side C1	Cum	10	0.6	0.3	2.7	1.14		
	C4	Cum	10	0.2	0.2	2.85	3.8953		
	Through Lintel	Cum	2	36.19	0.2	0.3	-0.13		
	Deduction @ Stairs	Cum	-1	3	0.2	0.3			
	Staircase								
	Waist slab	Cum	2	3.35	1.4	0.15	1.407		
	First flite landing	Cum	1	3	1.7	0.15	0.765		
	Steps	Cum	21	1.4		0.035	0.735		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
			Triangular area 0.5*.15*.3=0.022						
	Stairs Beam	Cum	1	3	0.2	0.45	0.27		
	Degree College								
	COLUMNS								
	C1 Front Side	Cum	17	0.5	0.25	3.3	7.0125		
	C1 Back side	Cum	17	0.5	0.25	4	8.5		
	C1 @ Stairs	Cum	2	0.5	0.25	3.3	0.825		
		Cum	2	0.5	0.25	4	1		
	LINTELS								
	Through Lintel								
	Front Side	Cum	1	61.65	0.2	0.2	2.466		
	Back side	Cum	1	64.65	0.2	0.2	2.586		
	Basic rate							6045.00	
	Add lift charges for Third Floor							180.00	
	sub total							6225.00	
	Area weightage 8%							498.00	
	Total						**39.20**	**6723.00**	**263553.03**
	Head Room								
	Lintel								
	Colums	Cum	4	0.6	0.3	2.7	1.94		
	Cut lintel	Cum	1	2.1	0.2	0.2	0.08		
	Basic rate							6045.00	
	Add lift charges for Head Room							240.00	
	sub total							6285.00	
	Area weightage 8%							502.80	
	Total						**2.03**	**6787.80**	**13765.66**
18	Providing and laying cement concrete using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete (RMC) for R.C.C works laid in 15 cms thick layers and well compacted including vibrating, curing, etc for all super Structure works with all lead and Lift etc., complete (exclusive of cost of steel and fabrication charges) Ready mixed cement for concrete with M-25. Pg No.19 Item No.4.49.2								
	Ground Floor								
	Beams								
	B1(300X600)								
	Shorter Direction	Cum	10	8.61	0.3	0.45	11.62		
	B2(200X450)								
	Longer Direction	Cum	2	36.2	0.2	0.3	4.34		
	@ Stairs	Cum	1	3	0.2	0.3	0.18		
	B3(200X300)								
	Longer Direction	Cum	1	36.2	0.2	0.15	1.09		
	Slab	Cum	1	36.2	9.21	0.15	50.01		
	Deduction @ Stairs	Cum	-1	4.7	3	0.15	-2.12		
	First Floor								
	Beams								
	B1(300X600)								
	Shorter Direction	Cum	10	8.61	0.3	0.45	11.62		
	B2(200X450)								
	Longer Direction	Cum	2	36.2	0.2	0.3	4.34		
	@ Stairs	Cum	1	3	0.2	0.3	0.18		
	B3(200X300)								
	Longer Direction	Cum	1	36.2	0.2	0.15	1.09		
	Slab	Cum	1	36.2	9.21	0.15	50.01		
	Deduction @ Stairs	Cum	-1	4.7	3	0.15	-2.12		
	Second Floor								
	Beams								
	B1(300X600)								
	Shorter Direction	Cum	10	8.61	0.3	0.45	11.62		
	B2(200X450)								
	Longer Direction	Cum	2	36.2	0.2	0.3	4.34		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	@ Stairs	Cum	1	3	0.2	0.3	0.18		
	B3(200X300)								
	Longer Direction	Cum	1	36.2	0.2	0.15	1.09		
	Slab	Cum	1	36.2	9.21	0.15	50.01		
	Deduction @ Stairs	Cum	-1	4.7	3	0.15	-2.12		
	Third Floor								
	Beams								
	B1(300X600)								
	Shorter Direction	Cum	10	8.61	0.3	0.45	11.62		
	B2(200X450)								
	Longer Direction								
	@ Stairs	Cum	2	36.2	0.2	0.3	4.34		
	B3(200X300)	Cum	1	3	0.2	0.3	0.18		
	Longer Direction	Cum	1	36.2	0.2	0.15	1.09		
	Slab	Cum	1	36.2	9.21	0.15	50.01		
	Deduction @ Stairs	Cum	-1	4.7	3	0.15	-2.12		
	Head Room								
	Slab	Cum	1	7.1	3.4	0.15	3.62		
	Beams								
	Longer Direction	Cum	2	7.1	0.2	0.3	0.85		
	Shorter Direction	Cum	2	3	0.2	0.3	0.36		
	Basic rate							5497	
	Area weightage 8%							439.76	
	Total						**265.35**	**5936.76**	**1575308.58**
19	KSRB 4.2.11 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 27.20kgs. with 12mm and down size graded granite metal coarse aggregates @0.5865cum and fine aggregtes @ 0.391cum, with superplastisiser @0.225lts, machine mixed, well compacted for plain chajja of 8.5 cms. average thickness, upto First Floor level, including cost of all materials, labour, HOM of machinery, finishing, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 Pg No.15 Item no.4.20								
	Ground Floor								
	Chajja	Sqm	8	2.1	0.6		10.08		
								496	
	Basic rate							39.68	
	Area weightage 8%						**10.08**	**535.68**	**5399.6544**
	Total								
	First Floor								
	Chajja	Sqm	8	2.1	0.6		10.08		
								496.00	
	Basic rate							5.00	
	Add lift charges for First Floor							501.00	
	sub total							40.08	
	Area weightage 8%						**10.08**	**541.08**	**5454.09**
	Total								
	Second Floor								
	Chajja	Sqm	9	2.1	0.6		11.34		
								496.00	
	Basic rate							10.00	
	Add lift charges for Second Floor							506.00	
	sub total							40.48	
	Area weightage 8%						**11.34**	**546.48**	**6197.08**
	Total								
	Third Floor								
	Chajja	Sqm	9	2.1	0.6		11.34		
	Degree College								
	Chejja	Sqm	16	2.1	0.6		20.16		
								496.00	
	Basic rate							15.00	
	Add lift charges forThird Floor							511.00	
	sub total							40.88	
	Area weightage 8%								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Total						21.84	484.00	17366.77
	Head Room						1.36		
	Chajja	Sqm	1	2.1	0.6			496.00	
								7.00	
	Basic rate							5.00	
	Add lift charges for Head Room							11.00	
	sub total						1.36	499.00	787.97
	Area weightage 80%								
	Total								

20 R.C.C Work 1:1.5:3 ; Providing 1:M.1 hand mixed cement concrete 1:1.5:3 work including straightening, cutting, bending, making, placing in position, tapping and / or welding wherever required, tying with binding wire and securing to the adjoining members wherever necessary complete as per design (tape, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications, specification no: K.S.R. 4.1.3 & 4.1.2 Item No 4.M.2

Ground Floor				47.44
Combined Footing	Cum	Concrete Quantity	1.36	1345.00
	Kg	Steel assumed 150 Kg/Cum of Concrete		
				1.84
	Nos			12.00
Footing	Cum	Concrete Quantity	1.36	1611.3
	Kg	Steel assumed 125 Kg/Cum of Concrete		
				1.61
	Nos			12.00
Column	Cum	Concrete Quantity	1.36	1963.50
	Kg	Steel assumed 150 Kg/Cum of Concrete		
				1.92
	Nos			21.46
Plinth beam	Cum	Concrete Quantity	1.36	3216.00
	Kg	Steel assumed 150 Kg/Cum of Concrete		
				3.22
	Nos			3.18
Staircase	Cum	Concrete Quantity	1.36	397.13
	Kg	Steel assumed 125 Kg/Cum of Concrete		
				0.40
	Nos			17.23
Beam	Cum	Concrete Quantity	1.36	2585.0
	Kg	Steel assumed 150 Kg/Cum of Concrete		
				2.59
	Nos			67.00
Roof Slab	Cum	Concrete Quantity	1.36	5986.19
	Kg	Steel assumed 125 Kg/Cum of Concrete		
				5.99
	Nos			2.78
Lintel	Cum	Concrete Quantity	1.36	346.90
	Kg	Steel assumed 125 Kg/Cum of Concrete		
				0.35
	Nos			1.01
Chajja	Cum	Concrete Quantity	1.36	100.80
	Kg	Steel assumed 100 Kg/Cum of Concrete		
				0.10
	Nos			70966.00
				5677.28
Basic rate				29.24
Area weightage 80%				76643.3
Total				22407.00.59
First Floor				10.86
Columns	Cum	Concrete Quantity	1.36	1629.00
	Kg	Steel assumed 150 Kg/Cum of Concrete		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		tonne					**1.63**		
		Cum	Concrete Quantity				3.18		
	Staircase	kg	Steel assumed 125 Kg/Cum of Concrete				397.13		
		tonne					**0.40**		
		Cum	Concrete Quantity				2.78		
	Lintel	kg	Steel assumed 125 Kg/Cum of Concrete				346.90		
		tonne					**0.35**		
		Cum	Concrete Quantity				17.23		
	Beam	kg	Steel assumed 150 Kg/Cum of Concrete				2585.03		
		tonne					**2.59**		
		Cum	Concrete Quantity				47.90		
	Roof Slab	kg	Steel assumed 125 Kg/Cum of Concrete				5986.9		
		tonne					**5.99**		
		Cum	Concrete Quantity				1.01		
	Chajja	kg	Steel assumed 100 Kg/Cum of Concrete				100.80		
		tonne					**0.10**		
	Basic rate							70966.00	
	Add lift charges for First Floor							748.00	
	sub total							71714.0	
	Area weightage 8%							5737.12	
	Total						**11.05**	**77451.1**	**855506.68**
	Second Floor								
		Cum	Concrete Quantity				10.86		
	Colomn	kg	Steel assumed 150 Kg/Cum of Concrete				1629.00		
		tonne					**1.63**		
		Cum	Concrete Quantity				3.18		
	Staircase	kg	Steel assumed 125 Kg/Cum of Concrete				397.13		
		tonne					**0.40**		
		Cum	Concrete Quantity				2.78		
	Lintel	kg	Steel assumed 125 Kg/Cum of Concrete				346.90		
		tonne					**0.35**		
		Cum	Concrete Quantity				17.23		
	Beam	kg	Steel assumed 150 Kg/Cum of Concrete				2585.03		
		tonne					**2.59**		
		Cum	Concrete Quantity				47.90		
	Roof Slab	kg	Steel assumed 125 Kg/Cum of Concrete				5986.9		
		tonne					**5.99**		
		Cum	Concrete Quantity				1.13		
	Chajja	kg	Steel assumed 100 Kg/Cum of Concrete				113.40		
		tonne					**0.11**		
	Basic rate							70966.00	
	Add lift charges for Second Floor							1496.00	
	sub total							72462.0	
	Area weightage 8%							5796.96	
	Total						**11.06**	**78259.0**	**865415.95**
	Third Floor								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Column	Cum	Concrete Quantity				10.80		
		kg	Steel assumed 150 Kg/Cum of Concrete				1620.00		
		tonne					1.62		
	Staircase	Cum	Concrete Quantity				3.12		
		kg	Steel assumed 125 Kg/Cum of Concrete				397.13		
		tonne					0.40		
	Lintel	Cum	Concrete Quantity				2.72		
		kg	Steel assumed 125 Kg/Cum of Concrete				340.00		
		tonne					0.35		
	Beam	Cum	Concrete Quantity				17.23		
		kg	Steel assumed 150 Kg/Cum of Concrete				2585.03		
		tonne					2.59		
	Roof Slab	Cum	Concrete Quantity				47.99		
		kg	Steel assumed 125 Kg/Cum of Concrete				5998.59		
		tonne					5.99		
	Chajja	Cum	Concrete Quantity				3.15		
		kg	Steel assumed 100 Kg/Cum of Concrete				315.00		
		tonne					0.32		
	Degree College								
	Column	Cum	Concrete Quantity				17.34		
		kg	Steel assumed 150 Kg/Cum of				2600.63		
		tonne					2.60		
	Lintel	Cum	Concrete Quantity				5.05		
		kg	Steel assumed 125 Kg/Cum of				631.50		
		tonne					0.63		
	Chajja	Cum	Concrete Quantity				2.02		
		kg	Steel assumed 100 Kg/Cum of				201.60		
		tonne					0.20		
	Basic rate							70966.00	
	Add lift charges for Third Floor							2244.00	
	sub total							73210.0	
	Area weightage 8%							5856.80	
	Total						14.69	79066.8	1161782.85
	Head Room								
	Column	Cum	Concrete Quantity				1.94		
		kg	Steel assumed 150 Kg/Cum of Concrete				291.60		
		tonne					0.29		
	Lintel	Cum	Concrete Quantity				0.08		
		kg	Steel assumed 125 Kg/Cum of Concrete				10.50		
		tonne					0.01		
	Beam	Cum	Concrete Quantity				1.21		
		kg	Steel assumed 150 Kg/Cum of Concrete				181.80		
		tonne					0.18		
	Roof Slab	Cum	Concrete Quantity				3.62		
		kg	Steel assumed 125 Kg/Cum of Concrete				452.6		
		tonne					0.45		
	Chajja	Cum	Concrete Quantity				0.13		

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
		kg	Steel assumed 100 kg/Cum of Concrete				17.16		
		cum					0.01		
								70760.00	
	Basic rate							2993.00	
	Add lift charges for Head Room Floor							73958.0	
	sub total							5916.64	
	Area weightage 8%						0.08	79874.6	75811.87
	Total								
21	KSBR 5.14.1: Providing and constructing load bearing wall with solid concrete blocks of size 400X200X200mm having block density not less than 1800kg/m3 having a minimum average compressive strength 5.0N/mm2 confirming to IS 2185 (part 1) :2005 and constructed with cement mortar 1:4 as per IS 2572:2005 including cost of materials, labour charges, scaffolding, curing, hire charges of machineries etc., complete as per specifications. KBR No:5.4, Pg No: 27 Item No: 5.27.1								
	Ground Floor								
	Long Wall	Sqm	2	36.19		2.7	195.43		
	Short wall	Sqm	7	6.2		2.55	110.67		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.20		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	D2	Sqm	-1	0.9		2.1	-1.89		
	Windows	Sqm	-15	1.8		1.5	-40.50		
	Ventilator V1	Sqm	-2	0.75		0.6	-0.90		
	Basic rate							912.00	
	Area weightage 8%							77.06	
	Total						244.89	989.06	240414.95
	First Floor								
	Long Wall	Sqm	2	36.19		2.7	195.43		
	Short wall	Sqm	7	6.2		2.55	110.67		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.20		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	D2	Sqm	-1	0.9		2.1	-1.89		
	Windows	Sqm	-15	1.8		1.5	-40.50		
	Ventilator V1	Sqm	-2	0.75		0.6	-0.90		
	Basic rate							912.00	
	Add lift charges for First Floor							35.00	
	sub total							947.00	
	Area weightage 8%							75.76	
	Total						244.89	1022.76	249641.49
	Second Floor								
	Long Wall	Sqm	2	36.19		2.7	195.426		
	Short wall	Sqm	7	6.2		2.55	110.67		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.2		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Basic rate							912.00	
	Add lift charges for Second Floor							70.00	

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	sub total							982.00	
	Area weightage 8%							78.56	
	Total						**244.18**	**1060.56**	**258963.30**
	Third Floor								
	Long Wall	Sqm	2	36.19		2.7	195.426		
	Short wall	Sqm	7	6.2		2.55	110.67		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.2		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Degree College								
	Outer Wall Building	Sqm	1	64.66		4.8	310.368		
	Inner wall Building	Sqm	1	61.65		3.3	203.445		
	Side Wall Building	Sqm	4	6.2		3.3	81.84		
	Side Wall Building inclined	Sqm	4	3.1		0.67	8.308		
	Stairs Wall Lift After Dismantal	Sqm	2	7.616		1.2	18.2784		
	Stairs Wall Lift After Dismantal InClined	Sqm	2	7.616		0.67	10.20544		
	Stairs Wall Width	Sqm	2	3.4		1.2	8.16		
	Stairs Wall Width	Sqm	1	3.4		0.67	2.278		
	Deduction								
	Doors D1	Sqm	-8	1.2		2.4	-23.04		
	Windows W1	Sqm	-31	1.8		1.5	-83.7		
	Basic rate							912.00	
	Add lift charges for Third Floor							105.00	
	sub total							1017.00	
	Area weightage 8%							81.36	
	Total						**780.32**	**1098.36**	**857071.00**
	Terrace Floor/ Head room								
	Long Wall	Sqm	2	6.7		2.55	34.17		
	Short wall	Sqm	2	3.4		2.55	17.34		
	Deduction								
	Door	Sqm	-1	1.2		1.8	-2.16		
	Door Ventilator	Sqm	-1	1.2		0.3	-0.36		
	Windows	Sqm	-1	1.8		1.5	-2.7		
	Basic rate							912.00	
	Add lift charges for Third Floor							291.84	
	sub total							1203.84	
	Area weightage 8%							96.31	
	Total						**46.29**	**1300.15**	**60183.81**
22	KSRB 5-15 : Providing and constructing non-load bearing wall with solid concrete blocks of size 400X100X200 having a block density not less than 1800kg/m3 having a minimum average compressive strength of 4.00 N/mm2 conforming to I.S : 2185 (Part 1) : 2005 and constructed with CM 1:4, as per IS 2572:2005 including cost of all materials, labour charges, scaffolding, curing, hire chargesof machineries etc., complete as per specifications. KBS No.5.4, Pg No 27, Item No 5.28								
	Ground Floor								
	Ladies Toilet	Sqm	2	5.22		3	31.32		
		Sqm	8	1.2		3	28.8		
	Corridor Wall	Sqm	1	38.2		1.2	45.84		
	Corridor Grill Wall	Sqm	1	13.86		1.9	26.334		
	Deduction								
	D3	Sqm	-4	0.75		2.1	-6.3		
	Basic rate							811.00	
	Area weightage 8%							64.88	
	Total						**125.99**	**875.88**	**110355.62**
	First Floor								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Corridor Wall								
	Gents toilet room	Sqm	1	40		1.2	48		
		Sqm	1	5.22		3	15.66		
	Corridor Grill Wall	Sqm	4	1.2		3	14.4		
	Deduction	Sqm	1	13.86		1.9	26.334		
	D3								
	Basic rate	Sqm	-4	0.75		2.1	-6.3		
	Add lift charges for First Floor							811.00	
	sub total							35.00	
	Area weightage 8%							846.00	
	Total						**98.09**	67.68	
	Second Floor							**913.68**	**89626.53**
	Corridor Wall								
	Corridor Grill Wall	Sqm	1	40		1.2	48		
	Basic rate	Sqm	1	13.86		1.9	26.334		
	Add lift charges for Second Floor							811.00	
	sub total							70.00	
	Area weightage 8%							881.00	
	Total							70.48	
	Third Floor						**74.33**	**951.48**	**70727.31**
	Corridor Wall								
	Corridor Grill Wall	Sqm	1	40		1.2	48		
	Degree College	Sqm	1	13.86		1.9	26.334		
	Corridor Wall								
	wall Support to Grill	Sqm	1	66.71		0.9	60.039		
	Inner Side Wall Building	Sqm	1	22.374		2	44.748		
	Inner Side Wall Building inclined	Sqm	6	6.2		3.3	122.76		
	Basic rate	Sqm	6	3.35		0.67	13.467		
	Add lift charges for Third Floor							811.00	
	sub total							105	
	Area weightage 8%							916.00	
	Total							73.28	
	Head room/Terrace						**315.348**	**989.28**	**311967.4694**
	Parapit Wall	Sqm	1	86.62		0.9	77.958		
	Basic rate							811.00	
	Add lift charges for Third Floor							140.00	
	sub total							951.00	
	Area weightage 8%							76.08	
	Total						**77.96**	**1027.08**	**80069.10**
23	KSRB15-3.8 : Providing 18mm thick cement plaster in single coat with cement mortar 1:4. to brick masonry including rounding off corners. wherever required smooth rendering. Providing and removing scaffolding. including cost of materials. labour. curing complete as per specifications Pg No. 116.Item No.15.16								
	External Plastering								
	Ground Floor								
	Long Wall	Sqm	1	36.19		3.15	113.9985		
	Long Wall Front	Sqm	1	36.19		1.95	70.5705		
	Short wall	Sqm	4	6.2		3.15	78.12		
	Corridor Wall	Sqm	2	38.2		1.2	91.68		
	Corridor Grill Wall	Sqm	2	13.86		1.9	52.668		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.2		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	D2	Sqm	-1	0.9		2.1	-1.89		
	Windows	Sqm	-15	1.8		1.5	-40.5		
	Ventilator V1	Sqm	-2	0.75		0.6	-0.9		
	Basic rate							261.00	
	Area weightage 8%							20.88	
	Total						**345.03**	**281.88**	**97256.21**
	First Floor								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Long Wall								
	Long Wall Front	Sqm	1	36.19		3.15	113.9985		
	Short wall	Sqm	1	36.19		1.95	70.5705		
	Corridor Wall	Sqm	4	6.2		3.15	78.12		
	Corridor Grill Wall	Sqm	2	40		0.9	72		
	Deduction	Sqm	2	13.86		1.9	52.668		
	@ Stairs								
	Doors D1	Sqm	-1	3		2.4	-7.2		
	Door Ventilator	Sqm	-4	1.2		2.1	-10.08		
	D2	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-1	0.9		2.1	-1.89		
	Ventilator V1	Sqm	-15	1.8		1.5	-40.5		
		Sqm	-2	0.75		0.6	-0.9		
	Basic rate							261.00	
	Add Scaffolding charges for First Floor							12.00	
	sub total							273.00	
	Area weightage 8%							21.84	
	Total						**325.35**	**294.84**	**95925.31**
	Second Floor								
	Long Wall	Sqm	1	36.19		3.15	113.9985		
	Long Wall Front	Sqm	1	36.19		1.95	70.5705		
	Short wall	Sqm	4	6.2		3.15	78.12		
	Corridor Wall	Sqm	2	40		0.9	72		
	Corridor Grill Wall	Sqm	2	13.86		1.9	52.668		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.2		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Basic rate							261.00	
	Add Scaffolding charges for Second Floor							24.00	
	sub total							285.00	
	Area weightage 8%							22.80	
	Total						**325.44**	**307.80**	**100169.51**
	Third Floor								
	Long Wall	Sqm	1	36.19		3.15	113.9985		
	Long Wall Front	Sqm	1	36.19		1.95	70.5705		
	Short wall	Sqm	4	6.2		3.15	78.12		
	Corridor Wall	Sqm	2	40		0.9	72		
	Corridor Grill Wall	Sqm	2	13.86		1.9	52.668		
	Deduction								
	@ Stairs	Sqm	-1	3		2.4	-7.2		
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Degree College								
	Outer Wall Building	Sqm	1	64.66		4.8	310.368		
	Inner wall Building	Sqm	1	61.65		3.3	203.445		
	Side Wall Building	Sqm	4	6.2		3.3	81.84		
	Side Wall Building inclined	Sqm	4	3.1		0.67	8.308		
	Corridor Wall	Sqm	1	66.71		0.9	60.039		
	wall Support to Grill	Sqm	2	22.374		2	89.496		
	Deduction								
	Doors D1	Sqm	-8	1.2		2.4	-23.04		
	Windows W1	Sqm	-31	1.8		1.5	-83.7		
	Basic rate							261.00	
	Add Scaffolding charges forThird Floor							36.00	
	sub total							297.00	
	Area weightage 8%							23.76	
	Total						**972.19**	**320.76**	**311840.63**

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Terrace Floor								
	Long Wall	Sqm	4	6.7		3	80.4		
	Short wall	Sqm	4	3.4		3	40.8		
	Deduction								
	Door	Sqm	-1	1.2		1.8	-2.16		
	Door Ventilator	Sqm	-1	1.2		0.3	-0.36		
	Windows	Sqm	-1	1.8		1.5	-2.7		
	Parapit Wall	Sqm	2	86.62		0.9	155.916		
								261.00	
	Basic rate							48.00	
	Add Scaffolding charges forThird Floor							309.00	
	sub total							24.72	
	Area weightage 8%						271.90	333.72	90737.13
	Total								
24	KSRB 15.3.2 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to brick masonry including rounding off corners wherever required smooth rendering. : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications .Pg No. 115 Item No.15.10								
	Internal Plastering								
	Ground Floor								
	Class room 1	Sqm	2	14.7		2.1	61.74		
	Class room 2	Sqm	2	14.7		2.1	61.74		
	Class room 4	Sqm	2	14.7		2.1	61.74		
	Staff room	Sqm	2	10.6		2.1	44.52		
	Ladies Toilet	Sqm	2	9.3		1.05	19.53		
		Sqm	8	2.4		1.05	20.16		
	Deduction								
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-15	1.8		1.5	-40.5		
	Basic rate							204.00	
	Area weightage 8%							16.32	
	Total						217.41	220.32	47899.77
	First Floor								
	Class room 1	Sqm	2	14.7		2.1	61.74		
	Class room 2	Sqm	2	14.7		2.1	61.74		
	Class room 4	Sqm	2	14.7		2.1	61.74		
	Staff room	Sqm	2	10.6		2.1	44.52		
	Gents Toilet	Sqm	2	9.3		1.05	19.53		
		Sqm	4	2.4		1.05	10.08		
	Deduction								
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-15	1.8		1.5	-40.5		
	Basic rate							204.00	
	Add lift charges for First Floor							6.00	
	sub total							210.00	
	Area weightage 8%							16.80	
	Total						207.33	226.80	47022.44
	Second Floor								
	Class room 1	Sqm	2	14.7		2.1	61.74		
	Class room 2	Sqm	2	14.7		2.1	61.74		
	Class room 3	Sqm	2	14.7		2.1	61.74		
	Class room 4	Sqm	2	14.7		2.1	61.74		
	Deduction								
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Basic rate							204.00	
	Add lift charges for Second Floor							12.00	

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	sub total							216.00	
	Area weightage 8%							17.28	
	Total						**192.24**	**233.28**	**44845.75**
	Third Floor								
	Class room 1	Sqm	2	14.7		2.1	61.74		
	Class room 2	Sqm	2	14.7		2.1	61.74		
	Class room 3	Sqm	2	14.7		2.1	61.74		
	Class room 4	Sqm	2	14.7		2.1	61.74		
	Deduction								
	Doors D1	Sqm	-4	1.2		2.1	-10.08		
	Door Ventilator	Sqm	-4	1.2		0.3	-1.44		
	Windows	Sqm	-16	1.8		1.5	-43.2		
	Degree College								
	Class room 1	Sqm	2	14.55		2.4	69.84		
	Class room 1 Inclined area	Sqm	1	7.8		0.67	5.226		
		Sqm	2	3.35		0.67	4.489		
	Class room 2	Sqm	2	14.8		2.4	71.04		
	Class room 2 Inclined area	Sqm	1	8.1		0.67	5.427		
		Sqm	2	3.35		0.67	4.489		
	Class room 3	Sqm	2	14.65		2.4	70.32		
	Class room 3 Inclined area	Sqm	1	7.95		0.67	5.3265		
		Sqm	2	3.35		0.67	4.489		
	Class room 4	Sqm	2	14.6		2.4	70.08		
	Class room 4 Inclined area	Sqm	1	7.9		0.67	5.293		
		Sqm	2	3.35		0.67	4.489		
	Class room 5	Sqm	2	14.7		2.4	70.56		
	Class room 5 Inclined area	Sqm	1	8		0.67	5.36		
		Sqm	2	3.35		0.67	4.489		
	Class room 6	Sqm	2	14.7		2.4	70.56		
	Class room 6 Inclined area	Sqm	1	8		0.67	5.36		
		Sqm	2	3.35		0.67	4.489		
	Class room 7	Sqm	2	14.7		2.4	70.56		
	Class room 7 Inclined area	Sqm	1	8		0.67	5.36		
		Sqm	2	3.35		0.67	4.489		
	Staff room	Sqm	2	10.5		2.4	50.4		
	Staff room Inclined area	Sqm	1	3.8		0.67	2.546		
		Sqm	2	3.35		0.67	4.489		
	Deduction								
	Doors D1	Sqm	-8	1.2		2.4	-23.04		
	Windows W1	Sqm	-31	1.8		1.5	-83.7		
	Basic rate							204.00	
	Add lift charges for Third Floor							18.00	
	sub total							222.00	
	Area weightage 8%							17.76	
	Total						**704.67**	**239.76**	**168951.80**
	Head Room								
	Room	Sqm	2	9.8		2.85	55.86		
	Deduction								
	Door	Sqm	-1	1.2		2.1	-2.52		
	Door ventilator	Sqm	-1	1.2		0.3	-0.36		
	Windows	Sqm	-1	1.8		1.5	-2.70		
								204.00	
	Basic rate							24.00	
	Add lift charges for Head room							228.00	
	sub total							18.24	
	Area weightage 8%						**50.28**	**246.24**	**12380.95**
	Total								
26	KSRB15-3-14 : Providing 12mm thick cement plaster in single coat with cement mortar 1:4 , to ceiling including rounding off corners wherever required smooth rendering. : including Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. Pg No 116, Item No15.22								

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Sl No	Description of Item	Unit	No	L	B	D	Qty	Rate	Amount
	Ground Floor								
	Cutting								
	Class room 1								
	Class room 2	Sqm	1	8	6.7		53.60		
	Class room 4	Sqm	1	8	6.7		53.60		
	Staff room	Sqm	1	8	6.7		53.60		
	Ladies Toilet	Sqm	1	5.5	6.7		36.13		
	Chajja	Sqm	1	5.5	6.7		36.13		
	W.I								
	Front	Sqm	8	2.1	0.6		10.08		
	Sides	Sqm	8	2.10		0.10	1.68		
	Backs	Sqm	16	0.80		0.10	0.96		
	Beams	Sqm	3	8.61		0.90	23.25		
	Basic rate							225	
	Add bill charges for Ground Floor							18	
	sub total							243	60514.29
	Area weightage 8%						249.03		
	Total								
	First Floor								
	Cutting								
	Class room 1						53.60		
	Class room 2	Sqm	1	8	6.7		53.60		
	Class room 3	Sqm	1	8	6.7		53.60		
	Class room 4	Sqm	1	8	6.7		53.60		
	Staff room	Sqm	1	5.5	6.7		36.13		
	Ladies Toilet	Sqm	1	5.5	6.7		36.13		
	Chajja								
	W.I	Sqm	8	2.1	0.6		10.08		
	Front	Sqm	8	2.1		0.1	1.68		
	Sides	Sqm	16	0.6		0.1	0.96		
	Beams	Sqm	3	8.61		0.9	23.25		
	Basic rate							225	
	Add bill charges for First Floor							6	
	sub total							231	
	Area weightage 8%							18.48	
	Total						249.03	249.48	62127.25596
	Second Floor								
	Class room 1	Sqm	1	8	6.7		53.60		
	Class room 2	Sqm	1	8	6.7		53.60		
	Class room 3	Sqm	1	8	6.7		53.60		
	Class room 4	Sqm	1	8	6.7		53.60		
	Chajja								
	W.I	Sqm	9	2.1	0.6		11.34		
	Front	Sqm	9	2.1		0.1	1.89		
	Sides	Sqm	18	0.6		0.1	1.08		
	Beams	Sqm	4	8.61		0.9	31.00		
	Basic rate							225	
	Add bill charges for First Floor							12	
	sub total							237	
	Area weightage 8%							18.96	
	Total						259.71	255.96	66474.34776
	Third Floor								
	Class room 1	Sqm	1	8	6.7		53.60		
	Class room 2	Sqm	1	8	6.7		53.60		
	Class room 3	Sqm	1	8	6.7		53.60		
	Class room 4	Sqm	1	8	6.7		53.60		
	Chajja								
	W.I	Sqm	9	2.1	0.6		11.34		
	Front	Sqm	9	2.1		0.1	1.89		
	Sides	Sqm	18	0.6		0.1	1.08		
	Beams	Sqm	4	8.61		0.9	31.00		
	Degree College								
	Chajja Projection	Sqm	16	4.2	0.6		40.32		
	W.I	Sqm	16	3.3		0.1	5.28		
	Basic rate							225	
	Add bill charges for Third Floor							18	

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